

## Patent Abstracts of Japan

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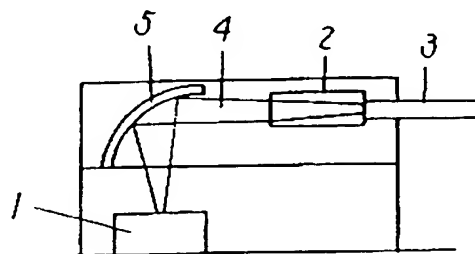
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TITLE : PHOTOCOUPLER



ABSTRACT : PURPOSE: To form a photocoupler of a semiconductor light emitting element with an optical fiber which can condense a light in an arbitrary direction by interposing a reflecting mirror having a suitable curvature for condensing the light emitted from the element.

CONSTITUTION: A reflecting mirror 5 is formed in a curvature to condense a light 4 from a semiconductor laser 1 horizontally to an optical axis. The light 4 condensed in a horizontal axis direction is further finely throttled by a lens 2 to be introduced into an optical fiber 3. Thus, the light emitted in an arbitrary direction from the element can be condensed in an arbitrary direction by a reflecting mirror having a suitable curvature.

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